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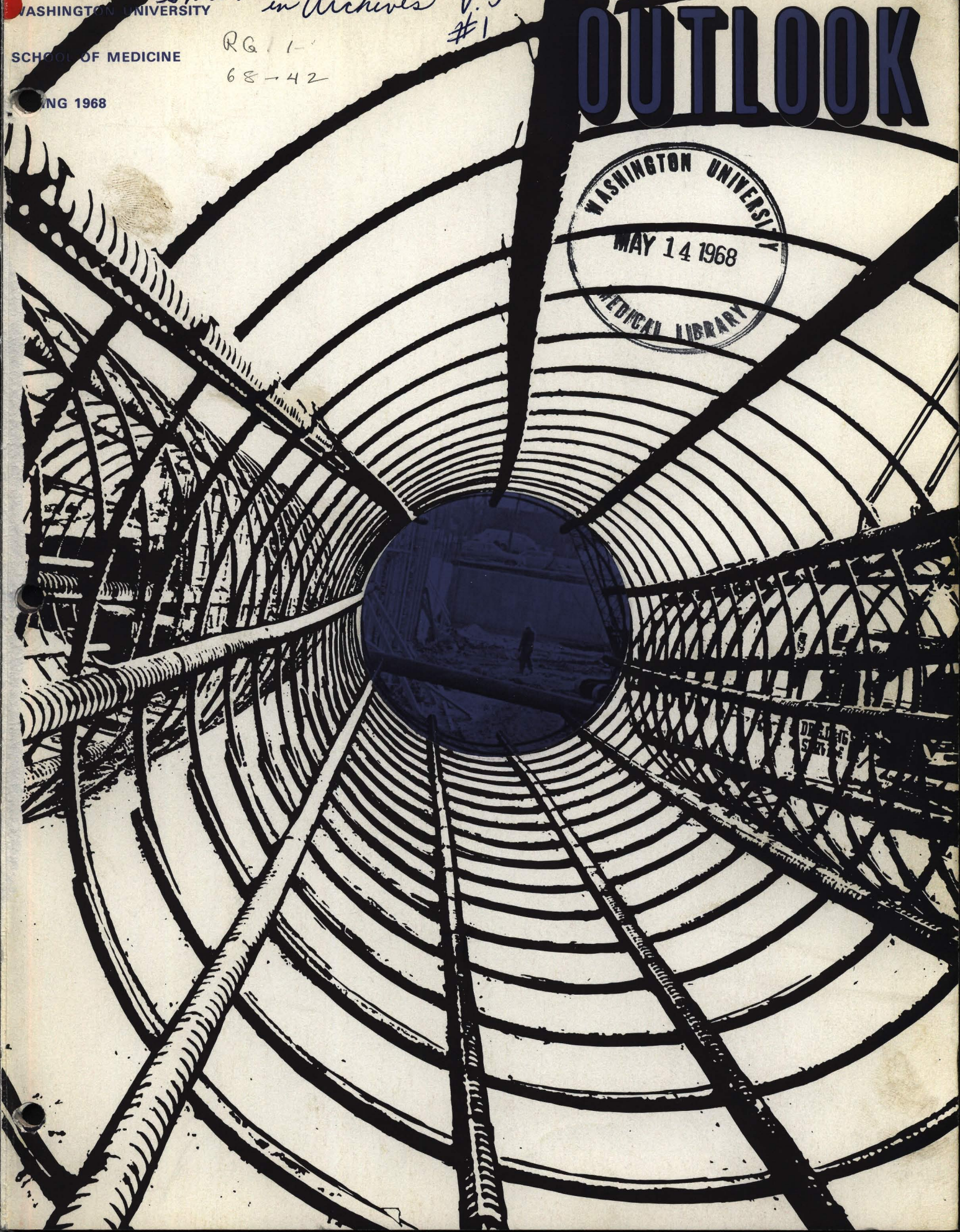
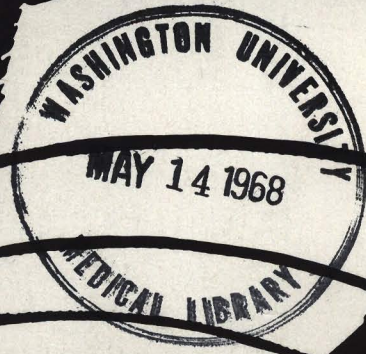
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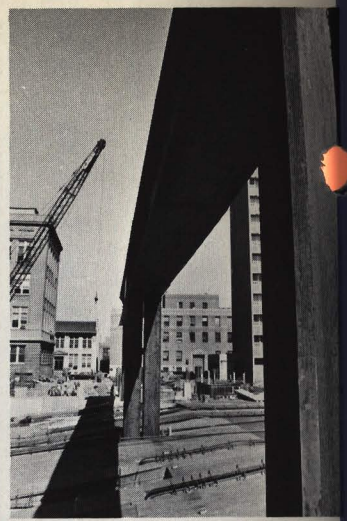
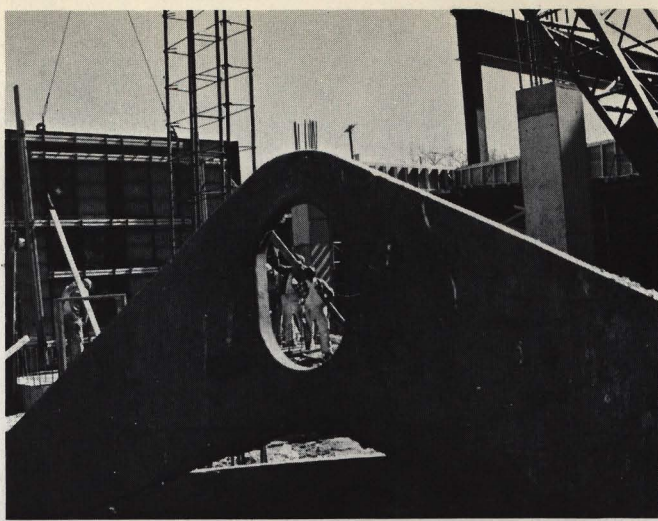
SCHOOL OF MEDICINE

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OUTLOOK





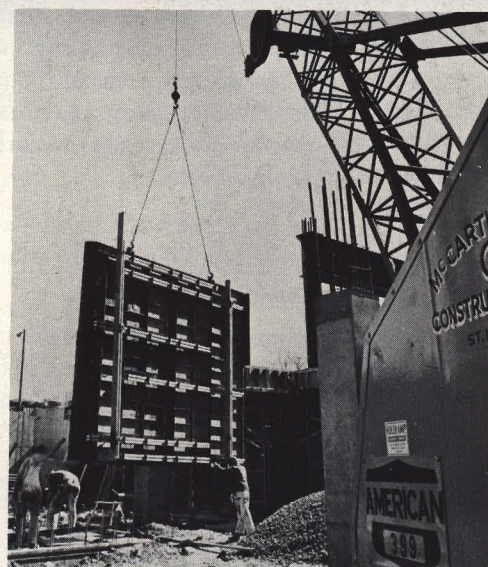
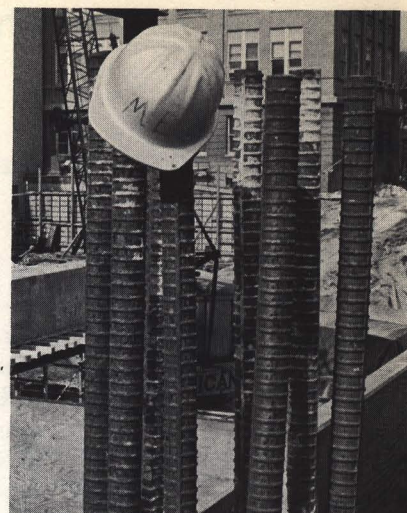
Bricks and Mortar—

PROGRESS ON THE McDONNELL
MEDICAL SCIENCE BUILDING

At the time of the Sept. 30, 1967 launching of the McDonnell Medical Science Building, contractors already had excavated several thousand cubic feet of earth; so it wasn't the typical groundbreaking ceremony.

Since then, as these photos attest, the progress has been noteworthy — and it is believed there has been a certain amount of artistic expression manifest.

But, while everyone concerned will comment daily on the rapid upward expansion, they also will relate that before accepting congratulations for completing the \$10 million nine-story most-up-to-date preclinical edifice, there is still a long way to go.



The Vice Chancellor Comments

THE FINANCIAL PLIGHT OF PRIVATE UNIVERSITIES

In a period which the nation is experiencing an unprecedented affluence, the financial problems of private universities continue to mount. Because it is deemed important that Washington University School of Medicine alumni understand why, Dr. Danforth was asked to elaborate. This is his reply:

Any discussion of private education is accompanied by dire pronouncements. McGeorge Bundy, president of the Ford Foundation, speaks of the colleges' "imminent bankruptcy." Grayson Kirk, president of Columbia University, writes about the "Threat of Financial Crisis." University of Chicago's new president, Edward Levi, warns, "We are going to have to raise \$1,000,000 a week for as long as the university exists."

Why, when many private universities have larger budgets than ever before, are they crying poor? While the answer is simple, the problems it creates are complex. The cost of providing high-quality education is rising at a far faster rate than is income.

The reasons are several. First, student enrollments are increasing, particularly in medical-science areas at the graduate level. The cost of training a graduate student considerably exceeds the cost of training an undergraduate.

The University of Chicago estimates that it spends \$13,000 a year to educate a doctoral candidate in medicine.

Second, faculty salaries are up — a development that is long overdue — and ascending. President Kingman Brewster, Jr. of Yale University has projected an increase in his faculty salary budgets of 10.5 per cent annually. The keen competition for faculty is in part a result of greatly increased appropriations for education by state legislatures. The state legislature of New York, to cite one of the most extravagant examples, has created 10 chairs, each carrying an annual income of \$100,000 (not all of which is assigned to the incumbent's salary).

Third, maintenance costs are up: for utilities, janitorial services, repairs, and the like.

Fourth, operating costs directly related to the rapid development of new knowledge and technology are escalating. Laboratories must be reequipped with the most modern facilities, computer services must be expanded, libraries enlarged. With this sky-rocketing growth in expenses, it is small wonder that university budgets are strained.

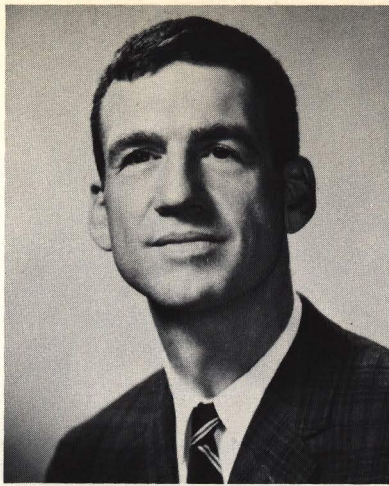
There are four major sources of revenue for American institutions of higher learning: tuition, private gifts, endowment income and public money derived from taxes. A quick look at them will reveal what private universities are up against.

Tuition fees have doubled and even tripled in the span of a very few years. At Washington University School of Medicine tuition has more than doubled since 1960. Yet, tuition income represented 5.2 per cent of the budget in 1960, but only 3.5 per cent in 1966 — a good example of running to stand in place.

Furthermore, each rise in tuition is accompanied by increased requests for student aid. Thus, enlarged tuition fees can provide additional revenue only if they are accompanied by substantial growth in student aid funds.

Finally, high tuition has the effect of enhancing the attractiveness of public institutions. Private schools, traditionally the innovators and leaders, stand in danger of allowing public schools to siphon off some of the country's most promising students.

Gifts from foundations, corporations, alumni and other individuals have been of tremendous value to private institutions — as administrators in search of the unrestricted dollar well know. When the president of the Ford Foundation says, "The private university that does not choose an entrepreneur for its president is bound to



be sorry," he speaks from wide experience in educational administration.

Challenge grants, in particular, have helped to stir the generosity of others. Foundations, however, have begun to diversify their philanthropy in response to concern for underprivileged peoples and underdeveloped parts of the world.

The Council for Financial Aid to Education notes a decrease from 1964 to 1965 of almost 15 per cent in support for higher education from foundations. The council states further, "There's a widespread feeling that foundation support for universities and colleges has passed its peak, and that future gains must come from other sources, such as alumni and corporations."

Endowment is a traditional source of income for private universities. Although endowment funds have grown impressively in recent years, their contributions to the budget in percentage terms have progressively declined.

Just a few years ago, endowment income provided 20 per cent of Washington University's budget. Today, it provides only 13 per cent.

Harvard University, whose endowment triumphantly broke into 10 figures in 1965, faces an operating deficit of about \$1 million in its College of Arts and Sciences. Universities will continue to look for endowment support and strive to underwrite their long-range activities with permanent funds, but obviously such income can only bridge part of the gap.

Furthermore, private schools do not have a lien on endowments. More and more public schools are competing for the philanthropic dollar. The University of Michigan, in its

recent and successful drive for \$55 million, included a dozen endowed chairs among its objectives.

Educators are pretty well agreed that help will have to come from the federal government and other public money. But, they are also agreed that the private dollar is essential to confer economic stability.

The recent cutback in research and development funds ordered by the President, which forced the National Institutes of Health to reduce expenditures by \$54 million, offers a good example of the danger to universities of using short-term grants to help support tenure professors.

Washington University is concerned that last year 55 per cent of the Faculty of Medicine's full professors were paid wholly or in part from federal funds. Leading independent universities cannot afford to let Uncle Sam do it.

Princeton's President Robert F. Goheen sums up the situation this way:

"Increasing federal aid to higher education seems inevitable in view of the magnitude of our national educational needs. As it develops, it must not be allowed to take over the show, to restrict the independence and self-determining power of universities and colleges, to undermine our historic commitment to demanding standards and the cultivation of high excellence in the individual. Only continuing and enlarged support from all possible private sources can enable us to withstand these dangers."

Washington University intends to maintain its independence. But it can do so effectively only if funds to strengthen core functions are provided generously by the alumni, other individuals, and private organizations dedicated to building the quality of American education.

*William H. Danforth, M.D.
Vice Chancellor for Medical Affairs*

A Book Review



*Reviewer:
Robert A. Moore,
M.D., Ph.D.*

The "publish-or-perish" axiom has long been a topic for discussion, especially among the academic community. What colleagues think of one another's output normally may be limited to laboratory or coffee-break conversation, but it is hoped that this new feature will give rise to additional comment.

When asked who would be reviewing the new book, Dr. Kissane replied that he would like to get comments from two prominent physician-academicians, Robert A. Moore of the State University of New York Downstate Medical Center, and Russell J. Blattner, '33, of Baylor University College of Medicine.

The publisher said only one book could be sent free, and chose Dr. Moore as the reviewer. Alumni of the 1939-54 era will recall Dr. Moore's activities covering much more than his chairmanship of the pathology department, his service as dean and his editorship of the Medical Alumni Quarterly.

.....

The first reaction to this tome of 1044 pages is to wonder if there is that much information on the pathology of infancy and childhood. Even a cursory examination of the table of contents and a fingering through the pages quickly convinces the reader there is that much worthwhile information.

John Kissane and Margaret Smith have rendered a great service to pathologists and pediatricians in bringing together the facts and commenting on them as generalists. They say in the preface, "We regard ourselves as general pathologists. Some of our discussions, interpretations and citations of the literature therefore violate the limits of pediatrics." More of this approach is needed to attain a worthy objective, expressed colloquially "let's put the patient back together" (that is, after the specialists have taken him apart).

The scholarly character and the completeness of this book are quickly revealed to the reader in Chapter 1 on diseases related to growth and development. There is first an erudite discussion of just what is meant by growth, development, prematurity and post-maturity with comments on the legal implications. This is accompanied by four pages of tables giving body length and weight, and organ weights from the fifth month of gestation to twelfth month of life with the mean, standard deviation, and standard error of the mean.

There follows a presentation of diseases due to disturbances of growth and development. The discussion of mongolism is typical. It covers frequency, clinical features, pathologic anatomy, and full discussion of the trisomic and the translocation types. There are ample bibliographic references at the end of the chapter.

One could go on through each chapter recording completeness — the nine types of glycogen storage disease based on the enzymatic defect — or at times disagreeing with the authors. They anticipate this in their preface: "The currently small number of pediatric pathologists will find material with which they will agree and some which they will regard as subject to further discussion. No doubt they will find many areas in which their experience has not been in accord with ours."

There follows a section on infectious diseases subclassified into bacterial infections, viral and rickettsial infections, and fungus and parasitic infections. Under tuberculosis there is recognition of the interrelation of first infection and reinfection, and it is pointed out that *Histoplasma* and *Coccidioides* may produce lesions morphologically indistinguishable from first

Pathology of Infancy and Childhood
John M. Kissane, M.D.
Margaret G. Smith, M.D.
1082 pages with 703 illustrations
The C. V. Mosby Company
St. Louis, Missouri
1967
\$39.50

infection tuberculosis.

The remainder of the book, 900 pages, is devoted to diseases classified by organ systems. The completeness once again is well illustrated in the section on acquired diseases of the kidney — glomerulonephritis, nephrotic syndrome, infantile nephrotic syndrome, focal glomerulonephritis, hemolytic-uremic syndrome, familial nephritis, familial juvenile nephronopathosis, cerebro-ocular renal syndrome, pyelonephritis, acute diffuse nonsuppurative nephritis and renal vascular disease. In the section on each there is not only a statement on the general nature of the disease and a description of the pathologic changes, but a full discussion of clinicopathologic correlation which makes the text valuable to the pediatrician.

The photographs are well selected to assist the reader and the practitioner. There is a good balance between gross and microscopic photographs.

There are, of course, items with which some, or even I, would disagree — choice of terms, classification, etc., but these are minutiae. The world moves forward on big ideas, not minutiae, and this book has the big idea in mind on every page.

Manifestly this fine book is not a text for medical students already overburdened with knowledge which each department insists they should learn. On the other hand, it is a superb reference work for the neophyte and the experienced in the total field of pediatrics. The authors recognize this in their preface — "This book is offered as a reference work for medical students and post-graduate trainees in both pathology and pediatrics and as a supplement to the personal experiences of established general pathologists and pediatricians."

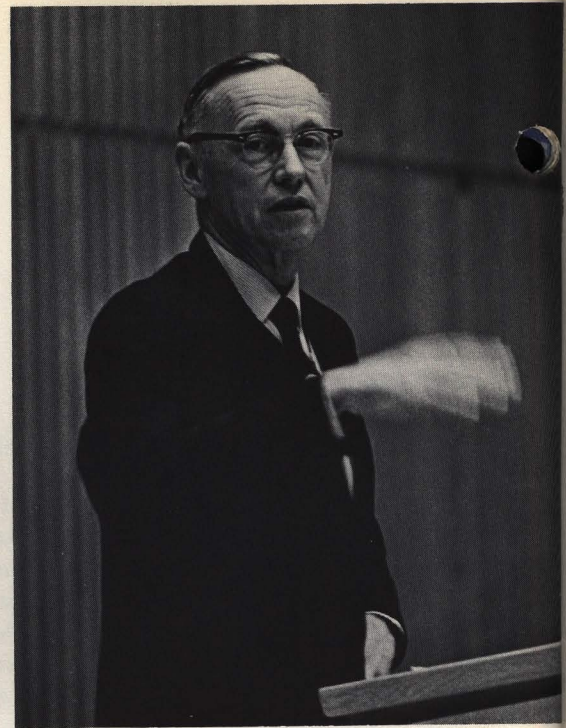
Finally, may a retired old man add a personal word of pride that two of his former associates in St. Louis, the associate professor and the last resident, have produced a scholarly work of great value in medical education.

Robert A. Moore, M.D., Ph.D.
Edward Mallinckrodt Professor of Pathology
Washington University School of
Medicine 1939-1954



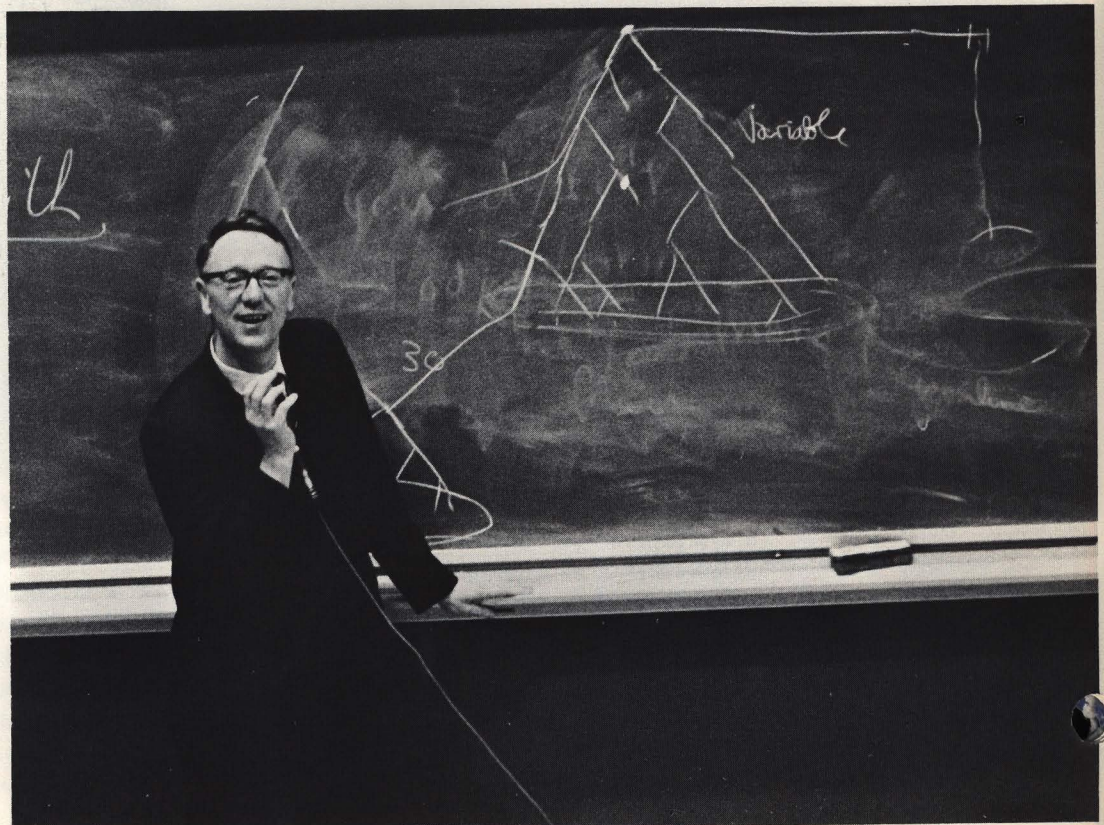
Authors: John M. Kissane, M.D., '52, associate professor of pathology, and Margaret G. Smith, M.D., professor emeritus of pathology.

Sol Spiegelman, Ph.D., professor of microbiology, University of Illinois at Urbana, spoke on "Mechanisms of RNA Replication" at the third lecture on Feb. 29. Dr. Spiegelman and his co-workers are credited with being the first to make biologically active genetic molecules in a test tube. Following receipt of the Ph.D. degree from Washington University in 1944, he was on the Medical School faculty until 1948.



Inaugurating the series on "Genetics and the Space Age" was James F. Crow, Ph.D., professor of medical genetics and chairman of the department, University of Wisconsin Medical School, who spoke Nov. 15.

"Genetic Aspects of the Variations in Immunoglobulins" was the topic of Oliver Smithies, Ph.D., professor of genetics and medical genetics at University of Wisconsin, speaking at the second lecture on Jan. 5.



Genetics and the Space Age

Featured in New Lecture Series

At the launching ceremony for the McDonnell Medical Science Building on Sept. 30, 1967, more than a casual mention was given to the study of genetics in the future of medicine.

References also were made to the department of genetics that will be created here.

But it wasn't until Nov. 15, 1967, that there was an announcement concerning where the establishment support for the new department would originate.

On that day in Clopton Amphitheatre a large audience heard the welcome news that in addition to the \$4.7 million for the Medical Science Building the James S. McDonnell family had made a pledge of \$1.4 million to establish the new department.

Following these words and the introduction of Mr. and Mrs. McDonnell the assembly heard the First James S. McDonnell Lecture on Genetics and the Space Age.

James F. Crow, Ph.D., professor and chairman of the department of medical genetics at University of Wisconsin Medical School was the inaugural speaker.

At the second lecture, on Jan. 5, Oliver Smithies, Ph.D., professor of genetics and medical genetics at University of Wisconsin, was the speaker.

University of Illinois at Urbana Professor of Microbiology Sol Spiegelman was the third lecturer on Feb. 29.

P. Roy Vagelos, M.D., professor and head of the department of biological chemistry, is chairman of the committee arranging for speakers for the series. Concluding lecture is scheduled to be given at the dedication of the new building, which appropriately will house the new department.



"Mr. Mac" receives applause upon being introduced at the first lecture.

The St. Louis area medical alumni campaign for the Seventy by 'Seventy Program was launched in December, 1967, with Wendell G. Scott '32 as chairman and C. Alan McAfee '42 as vice chairman.

"We are tremendously encouraged by the early results of our solicitation," Dr. Scott said.

Volunteers are calling on 850 alumni in the area, plus an additional 500 physicians who are graduates of other medical schools but practice locally. Dr. Scott expects the campaign to be concluded in April.

St. Louis hospitals' campaign leaders are: Alexian Brothers, Ralph Berg '26; Barnes, Lawrence W. O'Neal '46, James F. Nickel '48, and Fred C. Reynolds '34; Bethesda, George H. Zillgitt '39; Children's, Maurice J. Lonsway, Jr. '50; Christian, Mark D. Eagleton, Jr. '50; Deaconess, Robert C. Kingsland '37, and Robert E. Koch '40; DePaul, Oliver Abel, III '55; Faith, Raymond R. Charnas '43 (March); Incarnate Word, Saul Dworkin '36; Jewish, Burton Shatz '43 (December); Lutheran, George A. Koehler '58; Missouri-Baptist, W. Edward Lansche '52;

Missouri-Pacific, Francis E. Pennington, Jr. '44; St. Anthony's, Frank G. Zingale '33; St. John's, Seymour Brown '40; St. Joseph's, Allan P. Klippel, M.D.; St. Joseph's (St. Charles), Russell A. Crider '40; St. Luke's, Marshall B. Conrad '45; St. Mary's, C. Alan McAfee '42; and St. Louis University-Desloge-Wohl, Harold Freedman '38.

Edward W. Cannady, Jr. '31, and Willard C. Scrivener '30, are heading the campaign in the Belleville — East St. Louis area, and the Alton vicinity is being organized by Donald S. Bottom '40.

Solicitations in other locales have been progressing well, reports Eugene M. Bricker '34, national chairman for medical alumni.

Individuals most directly responsible for these campaigns are hereby recognized:

Minneapolis-St. Paul, Minnesota: Roland F. Neumann, Jr. '44, John H. Brown '59, Nathan K. Jensen '35, William R. Swaim '58, Lyle A. Tongen '42 and Robert B. Winter '58.

Denver-Colorado Springs, Colorado: John M. Nelson '34, George P. Bailey '25, Jack L. Baughman '41, William Green Baker '38, Marcus B. Bond '49, William S. Curtis '40, Joseph L. Glaser '41, John B. Grow '32, Major Robert C. Newell '57, Howard T. Robertson '40 and David W. Talmage '44.

San Francisco, California: Alfred A. Thurlow, Jr. '43, Mark Brockbank '39, Richard S. Fraser '39, Donald Gallagher '46, Anne T. Goetsch '41 and Charles Humphreys '53.

Kansas City, Missouri: Harry S. Jonas '52, Richard P. Bowles '53, William Y. Eubank '53, Byron J. Masterson '58, Oscar T. Pinsker '51, Wallace R. Stacey '45 and A. Lloyd Stockwell '28.

Milwaukee, Wisconsin: Morrison Schroeder '33, James P. Conway '30, Kenneth C. Kehl '32, Nickolas L. Owen '59 and Richard B. Windsor '52.

Atlanta, Georgia: Daniel D. Hankey '47, Robert C. Garner '47 and William G. Hamm '25.

In Washington, D.C., John P. Adams '45, and in Houston, Texas, Samuel Levy '42, are organizing their solicitation committees.

Ethical Decision Panelists, Scholarship Medalists Share Program at Medical Society

A symposium on *Ethical Decisions in Medicine*, with speakers Neal S. Bricker, M.D., professor of internal medicine and director of the division of renal disease, and John D. Vavra, M.D., assistant professor of internal medicine, shared program time with 17 students whose performance last year was deemed worthy of reward.

At the Nov. 29, 1967 meeting of the Washington University Medical Society, Dr. Bricker spoke on "Renal Transplantation and Chronic Hemodialysis." Dr. Vavra's topic was "Medical Care of the Incurably Ill."

Preceding the speakers, an election was

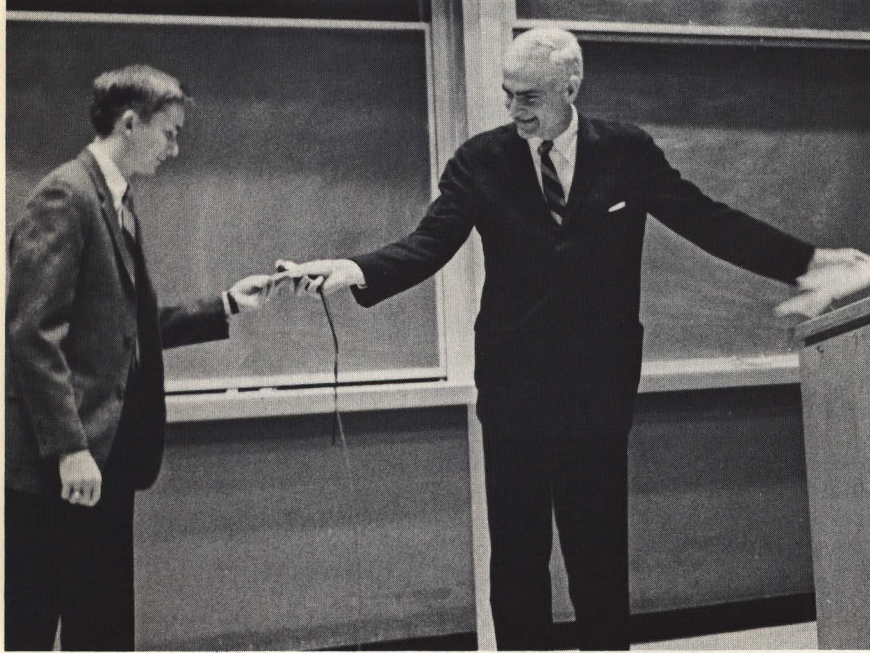
conducted with the following results: President, Stanford Wessler, M.D., John E. and Adeline Simon Professor of Medicine; secretary-treasurer, Charles W. Parker, M.D., associate professor of medicine; and council members, John M. Kissane, M.D., associate professor of pathology; Philip W. Majerus, M.D., assistant professor of medicine and biological chemistry; Donald H. Eldredge, M.D., research professor of otolaryngology; J. Russell Little, Jr., M.D., assistant professor of microbiology and medicine, and Blake W. Moore, Ph.D., associate professor of biochemistry in psychiatry. Retiring president was Carl G. Harford, M.D., professor of medicine.



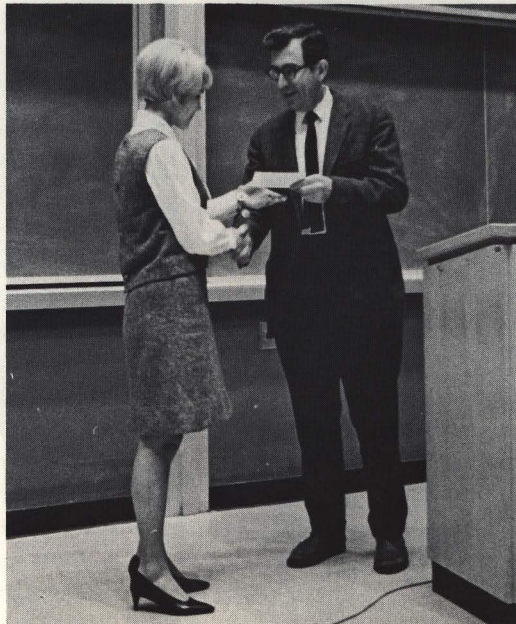
Dr. Bricker gives careful consideration before replying to a question from the audience.

In emphasizing a statement, Dr. Vavra points to his questioner.

The Medical Alumni Scholarship Fund Award of \$200 went to David Stabenow. C. Read Boles, M.D., '43 December, president of the Alumni Association, made the presentation.



The first recipient of the Antoinette Frances Dames Prize in Physiology and Biophysics was Marilyn Mollman. William W. Sleator, Ph.D., professor of physiology and biophysics, presented the \$100 check.



Of the 17 students honored for their scholastic endeavors, nine were among those recognized for similar awards in 1966. Four were repeaters from 1965's presentations.

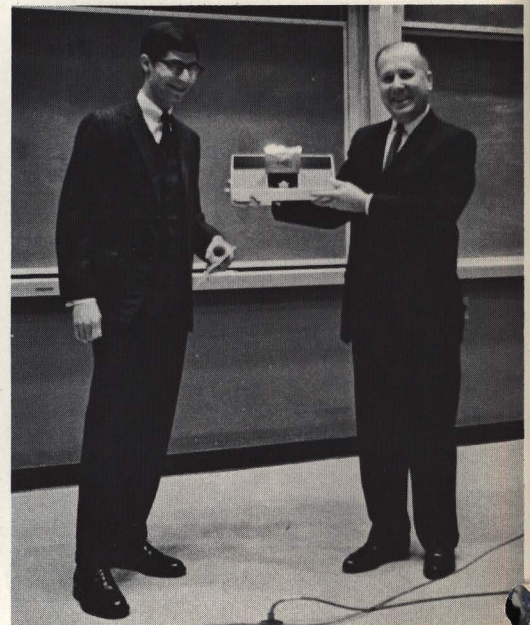
Awards and winners were:

Roche Award — gold wrist watch and scroll — awarded at the end of the second year to the student who best exemplifies the ideals of the modern American physician, Barry Siegel, junior, received Biochemistry Prize in 1966.

Dr. Richard S. Brookings Medical School Prizes — \$250, \$200, \$100 — for meritorious research, Donald Kirks, senior, Lange Book Prize in 1966 and 1965; David Krauss, junior, Biochemistry Prize in 1966, and Stephen Ewing, sophomore.

Dr. Robert Carter Medical School Prizes — \$250, \$200, \$100 — for meritorious research, Jere Cravens, senior, Brookings Prize in 1966 and Biochemistry Prize in 1965; James Lindsey, junior, Brookings Prize in 1966, and Stephen Kamenetzky, sophomore.

Medical Alumni Scholarship Fund — \$200 — for excellence in work during the preceding scholastic year, David Stabenow, senior, received Roche Award in 1966, and Gill, Chouke and Biochemistry Prizes in 1965.



Barry Siegel was given the Roche Award of a gold wristwatch and scroll by John C. Herweg, M.D., associate dean.

**ETHICAL DECISION PANELISTS,
SCHOLARSHIP MEDALISTS SHARE
PROGRAM AT MEDICAL SOCIETY**

Pictured following the presentation were the winners, from left back row, Arnold Strauss, Stephen Ewing, Paul Simpson, James Lindsey, Gary Shackelford, Donald Kirks and Jere Cravens; front row, Stephen Kamenetzky, Alexander Miller, William Berman, Lawrence Dunn, Marilyn Mollman, Barry Siegel, Michael Levy, David Stabenow and David Schade. David Krauss was not present for the ceremony.



Biochemistry Prize — \$100 — for superior scholarship in biochemical work, Alexander Miller, sophomore.

Antoinette Frances Dames Prize in Physiology and Biophysics — \$100 — to a member of the first-year class who has demonstrated superior scholarship in these fields, Marilyn Mollman, sophomore.

George F. Gill Prize in Anatomy — \$50 and Kehar S. Chouke Prize in Anatomy — \$50 — awarded at the end of the first year for superior scholarship, Paul Simpson, sophomore.

Howard A. McCordock Book Prizes — for general excellence in pathology, Michael Levy, junior, and Barry Siegel, junior.

Lange Medical Publications Book Awards — for high scholastic standing and achievement in research, David Schade, senior; Gary Shackelford, senior, received Carter Medical School Prize in 1966 and Brookings Prize in 1965; William Berman, junior, received Carter Medical School Prize in 1966; Lawrence Dunn, junior, received Gill and Chouke Prizes in 1966; Arnold W. Strauss, sophomore, and Alexander Miller, sophomore.

Anthropologist L. S. B. Leakey Delivers 16th Terry Lecture

A large attendance at the annual Robert J. Terry Lecture has been taken for granted, perhaps because the committee through the years has arranged for the appearance of prominent speakers.

But the audience on Jan. 18 at the 16th Terry Lecture was beyond prediction.

L. S. B. Leakey, Ph.D., honorary director of the National Centre of Pre-History and Palaeontology in Nairobi, Kenya, not only attracted a crowd, but many who came to see him were unable even to get within hearing distance of speakers erected in the passageway outside the North Building Auditorium.

Describing "The Present State of our Knowledge of Human Evolution," Dr. Leakey entertainingly spoke and showed with slides the anthropological studies in which he is so well versed.



Photographed during a press conference in the anatomy museum, Dr. Leakey is silhouetted behind one of the skeletons in a case.

It will, indeed, be a hard act to follow.

Dr. Leakey abstracted his lecture thusly:

Immense strides have been taken in the past 10 years concerning our knowledge of human evolution. The picture, as we know it today, differs fundamentally from that to be found in all existing textbooks.

The general theory of man's evolution which has been prevalent in the last few years has been that man evolved through four simple stages: an ape or pongid stage, an Australopithecine or near-man stage; thence through a Pithecanthrope or primitive stage, to Homo sapiens, as we know him today. This theory, moreover, usually envisages man's ancestors as abandoning the pongid or tree-dwelling stage only a few million years ago.

As a result of recent discoveries, culminating in the announcement that representatives of the Family of the Hominidae were contemporary with Pongidae and Proconsul, some 20 million years ago in Kenya, the whole picture has changed. We now see the separation of the ape stock from the human stock in the very remote past. Moreover, there is evidence, also from East Africa, that the earliest known Australopithecines or near-men were contemporary with very early true men, Homo habilis. It therefore seems likely that the genus Homo did not evolve from the Australopithecines as had been thought, but rather shared a common ancestor with them somewhere back in Upper Miocene times.

Furthermore, the discovery of Homo habilis who is very considerably older than the oldest known Pithecanthropines and yet morphologically much more like Homo sapiens, indicates that the Pithecanthropines must be regarded as an aberrant side branch and not as the direct ancestor of man today.

The fortunate ones who both saw and heard Dr. Leakey were those who arrived well in advance of the 4:30 p.m. starting time. The earliest got seated, others crowded around the walls or sat in the aisles.

Speakers were placed in the passageway to the auditorium for the overflow crowd. Those unable to push into this area disappointedly departed.



*At a gathering in the anatomy department before the Terry Lecture, the cast of the jawbone of the 20 million-year-old *Kenyanthropus africanis* is examined by Roy R. Peterson, Ph.D., associate professor; Sam L. Clark, Jr., M.D., associate professor and acting head of the department; Dr. Leakey, who discovered the bone, and Mildred Trotter, Ph.D., professor emerita.*



Alumni Activities

By Audrey Wingfield
Alumni Executive Secretary

Three Medical Alumni Association receptions have been held since the last issue of **Outlook**. Houston's Shamrock Hilton was the locale for a gathering at the AMA Clinical Meeting in November. On March 30, a reception was held in Kansas City's Muehlebach Hotel honoring David N. Kerr, '41, who was installed as Missouri State Medical Association president. Sol Sherry M.D., professor and head of the department of internal medicine at Temple University School of Medicine and former co-chairman of the WUMS department of internal medicine, was honored at an April reception in the Sheraton Boston Hotel held in conjunction with the annual meeting of the American College of Physicians. At this meeting, Dr. Sherry received the John Phillips Memorial Award for distinguished contributions in internal medicine.

Of our 4,000 alumni only 135 responded to the questionnaire on the Dartmouth Plan of reunions. Ninety-one replied in favor of the Dartmouth Plan and 42 were in favor of maintaining the present 5-year plan; two had no preference. Comments ranged from, "It was rare to become closely acquainted with anyone outside of one's own class," to "looks like an improvement to me." One alumnus was in favor of regional reunions to include all area alumni (this is what we are striving for in our receptions held in various cities throughout the country). One hearty soul expressed the desire for a reunion every two years. If approved by the Executive Council at its May meeting, the plan will be submitted to the Association for vote at the annual meeting May 31.

PRE '20s

Edwin C. Ernst, Sr., '12, received the St. Louis Downtown Kiwanis Club's "Man of the Year Award" for 1967. He has been a member since 1937. Dr. Ernst is president of the AMA's 50-Year Club and has held the same position with the Missouri State Medical Association for five terms.

Robert Mueller, '17, St. Louis, was presented the thirty-third degree in Scottish Rite Freemasonry.

Glover H. Copher, '18, professor emeritus of clinical surgery at WUMS, was selected by the University of Missouri Medical Alumni as one of the two recipients of the "Citation of Merit" for outstanding contributions to the medical profession and the community.

Paul C. Hodges, '18, is visiting professor in the department of radiology at the J. Hillis Miller Medical Center, University of Florida in Gainesville.

THE '20s

Herman M. Meyer, '20, St. Louis, vice president of the College of Angiology, moderated at a recent meeting of the college in Las Vegas.

Herman Wellmerling, '20, Bloomington, Ill., was presented a plaque commemorating 47 years in the profession by the McLean County Medical Society.

Faye Cashatt Lewis, '21, Webster City, Iowa, has written "Patients, Doctors and Families," published by Doubleday and Company. One chapter was reprinted in the January issue of **Today's Health** and the book was chosen by **Better Homes & Gardens** as book-of-the-month for March. Dr. Lewis was the medical school's first woman graduate.

Curtis H. Lohr, '22, for his service to medicine and the community, was given honor membership by the St. Louis Medical Society.

James Barrett Brown, '23, St. Louis, has been named by **Modern Medicine** as one of the 10 receiving 1968 Awards for Distinguished Achievement. He is cited for his scientific advances in plastic surgery and his training of plastic surgeons.

Alfred O. Adams, '24, Spokane, is a member of Washington State's House of Representatives. He is retired from his orthopedic surgery practice.

Nathan A. Womack, '24, Kenan Professor of surgery at the University of North Carolina School of Medicine, spoke on "Universities and Their Medical Schools" at the annual meeting of the UNC Medical Alumni Association. **William H. Danforth, M.D.**, vice chancellor for medical affairs at WUMS, was also a panelist.

Katherine Bain, '25, assistant chief for international cooperation in the Children's Bureau of the Department of Health, Education and Welfare, received the 1967 Grulee Award of the American Academy of Pediatrics at the annual meeting in Washington, D.C. She received the award for her outstanding contributions in developing sound communication and understanding between the Children's Bureau and the Academy and for her assistance as a member of several committees.

B. Y. Glassberg, '25, St. Louis, attended the National Conference on Family Relations in San Francisco and the American Association of Marriage Counselors in Washington, D.C.

Frank Glenn, '27, New York, co-authored a paper on "Carcinoma in Choledochal Cyst" published in the **Journal of the American Medical Association**.

Sol Londe, '27, St. Louis, spoke on "Blood Pressure in Children" at the pediatric section of the National Medical Association.

Louis L. Tureen, '27, was moderator for "An Afternoon of Clinical Neurology" co-sponsored by

the St. Louis Area Chapter of the National Multiple Sclerosis Society and the St. Louis Medical Society.

A. N. Arneson and Samuel D. Soule, '28, were guest lecturers at a meeting in St. Louis of the Phi Delta Epsilon Ob/Gyn Travel Club. A paper co-authored by Dr. Soule, "Monthly Injections of Estrogen and Progesterone for Birth Control," was presented at the District 7 meeting of the American College of Obstetricians and Gynecologists. Dr. Soule attended a joint meeting on continuing education of the general practitioner with representatives from the American Association of General Practitioners and a committee from the American College of Obstetricians and Gynecologists.



Justin J. Cordonnier, '28, St. Louis, presented "How I Do A Cystectomy" for the "How-I-Do-It" Clinic at a sectional meeting in Dallas of the American College of Surgeons. Dr. Cordonnier also participated in the Central American Urological Association meeting at the 12th Congreso Medico Americano in Tegucigalpa, Honduras.

Carl J. Heifetz, '29, has been named president-elect of the St. Louis Surgical Society.

Irving B. Horwitz, '29, has been appointed associate clinical professor of orthopedic surgery at St. Louis University Medical School.

James M. MacNish, '29, has been installed as president of the St. Louis Surgical Society.

Charles W. McLaughlin, '29, Omaha, Neb., was elected chairman of the board of governors of the American College of Surgeons at the annual meeting in Chicago.

Robert A. Phillips, '29, director of the Pakistan-SEATO Cholera Research Laboratory at Dacca, East Pakistan, was recipient of the 1967 Albert Lasker Clinical Science Award. The foundation said his "research and leadership are responsible for the reduction in cholera from a death rate of more than 60 per cent in formerly untreated cases, to less than 1 per cent in cases treated by this method." The award included an inscribed statuette and \$10,000 honorarium.



Arthur E. Varden, '29, Crestline, Calif., has retired as medical director of the San Bernardino County Hospital and has accepted an appointment to its medical advisory board.

THE '30s

Herbert H. Gass, '30, dermatologist and consultant in leprosy at the USPHS hospital in Carville, La., spoke on "Medical Aspects — Leprosy as a Disease" at the World Leprosy Day conference recently at the Medical Center of New York University.

Stanley L. Harrison, '30, Chicago, was named secretary of the American Academy of Pediatrics at the annual meeting. He will continue to serve as secretary for committees for this group, a position he has held since joining the Academy in 1964.

Gershom J. Thompson, '25, left photo, and Betty Henby Sutter, LA '31 (wife of Richard A. Sutter, '35), center photo, were among the 11 receiving alumni citations, and John R. Smith, '34, one of four presented faculty awards at the 1968 Founders Day Banquet. James C. Sisk, '46, Washington University Alumni Federation president, congratulates Dr. Thompson and Mrs. Sutter, under the gaze of Chancellor Thomas H. Eliot. Dr. Smith accepts the hand of Barrett L. Scallet, Ph.D., chairman of the Founders Day activities, as Dr. Sisk smiles his approval.

Israel D. Newmark, '30, Chester, Ill., has been appointed to the emeritus staff in the department of medicine at Jewish Hospital in St. Louis.

Robert B. Bassett and Delevan Calkins, '31, are St. Louis leaders of the doctors division of the 1968 March of Dimes Against Birth Defects. Dr. Calkins recently retired from active practice.

Louis T. Byars, '32, St. Louis, has completed a three-year term as a regent of the American College of Surgeons.

Carl V. Moore, '32, was given honor membership for his service to medicine and the community by the St. Louis Medical Society.

Robert Olson, '32, Oklahoma City, was a visiting speaker at the fall program of the Ellis Fischel State Cancer Hospital and the Cancer Research Center in Columbia, Mo.

Wendell G. Scott, '32, St. Louis, has been named chairman of the department of radiology at Lutheran Hospital. Dr. Scott also has been reappointed to the AMA's Council on Voluntary Health Agencies.

Joseph B. Kendis, '33, was a recipient of the St. Louis Newspaper Guild's Page One Civic Award for his leadership in treatment of alcoholism. Dr. Kendis is medical director of the St. Louis Detoxification Center, established last year at St. Mary's Infirmary. The Guild award is given for contributions to the community that the organization feels have not received adequate recognition.

Richard Y. Sakimoto, '33, Honolulu, now holds the 30-pound line test class world record for the 25 pound 12 ounce Rainbow Runner he recently caught. The International Game Fish Association presented him a framed certificate.

Luther Davis, Jr., '34, had an article, "Student Health and Student Health Problems," published in *The Journal of the Medical Association of the State of Alabama*. He joined the University of Alabama staff in 1966 after many years as a surgeon in private practice.

M. Norman Orgel, '34, St. Louis, participated in a panel on "Social Policy and Medical Care" at the Gerontological Society meeting in St. Petersburg, Fla. He also attended the meeting of the American Social Health Association.

Arthur Bortnick and David Rothman, '35, were guest lecturers at a meeting in St. Louis of the Phi Delta Epsilon Ob/Gyn Travel Club.

Ben H. Senturia, '35, St. Louis, recently attended a meeting of the American Academy of Ophthalmology and Otolaryngology in Chicago. He is chairman of the Committee on Otolaryngic Pathology and is project chairman of a training grant awarded to the American Academy of Ophthalmology and Otolaryngology by the PHS, National Institute of Neurological Diseases and Blindness.

Richard A. Sutter, '35, St. Louis, has been elected a fellow in the American Public Health Association. He was also reappointed to the AMA's Council on Occupational Health and is serving as a member of the executive committee. At the recent annual meeting of the Medical Dental Service Bureau, Dr. Sutter was elected first vice president.

Henry L. Jaffe, '36, Los Angeles, co-authored an article, "Radioisotope Localization of the Placenta in Polaroid Color," read at the section of obstetrics and gynecology at the 115th AMA convention and reprinted in the *Journal of the American Medical Association*. Dr. Jaffe is in

the division of radiation therapy and nuclear medicine, Cedars-Sinai Medical Center, Cedars of Lebanon Hospital Division.

Robert W. Kelley, '36, has been installed as St. Louis Medical Society president. He attended the AMA Clinical Meeting in Houston as a Missouri State Medical Association delegate. Dr. Kelley was appointed to the board of hospitals and is now chairman of the Joint Board of Health and Hospitals which serves as an advisory group for city health and hospitals programs.

Alfred A. Gellhorn, '37, professor of medicine at Columbia University College of Physicians and Surgeons, on July 1 will become dean of the University of Pennsylvania School of Medicine. He also will serve as professor of medicine and director of the university's medical center. A member of the Columbia medical faculty since 1943, his research on cancer led to his appointment as director of the Institute of Cancer Research. A past president of the American Association for Cancer Research, Dr. Gellhorn is chairman of the committee on cancer of the American College of Physicians.

George W. Ittner, '37, has been elected to the board of directors of the Greater St. Louis Council on Alcoholism.

Adolph H. Conrad, Jr., '38, St. Louis, co-authored a paper in the *Archives of Dermatology* on "Sporotrichoid Nocardiosis Caused by *Nocardia Brasiliensis*."

Preston G. Hughes, '38, is chairman of the Spanish Fork City Hospital Planning and Building Board, and serves as a city councilman for that Utah community.

Louis P. Kirtz, '38, St. Louis, was awarded a 25-year service plaque from the Deaconess Hospital board of trustees.

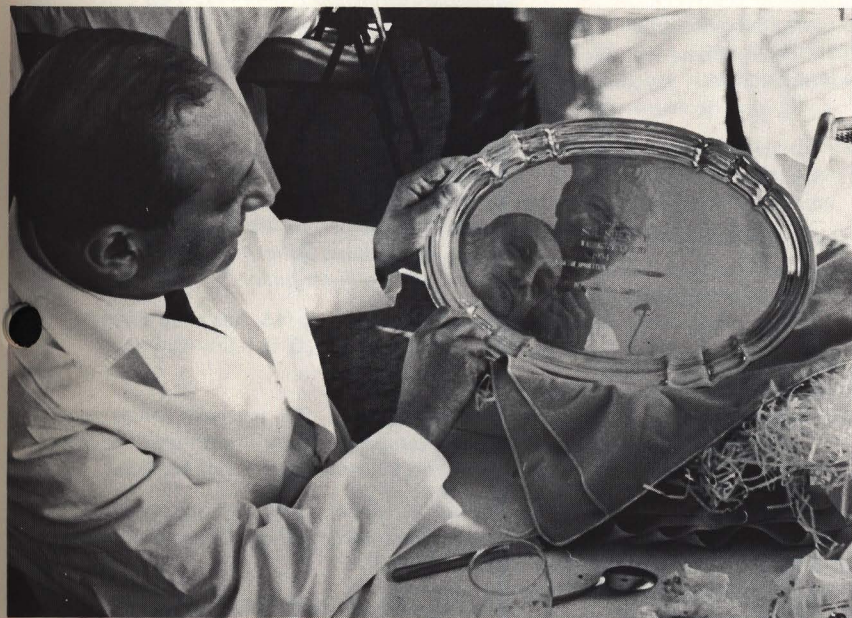


Mrs. Dorothy Miller, right, assistant registrar, at her year-end retirement party, posed with three of four pictured in a 1938 photograph used in the last issue of Outlook to illustrate the story on William B. Parker's retirement as registrar. At left is Pat Cundiff, who was a switchboard operator, and behind Mr. Parker is Helen Kaiser, administrative assistant to the dean. Evelyn Sergel, who was a secretary, was unable to attend the reception.

Maurice P. Leech, '38, was elected secretary-treasurer of the Keller Memorial Hospital in Fayette, Mo.

Joseph H. Pollock, '38, Los Angeles, has published two books, **Gaseous Digestive Conditions** and **A Survey of Surgical Shock with Special Reference to Fluids, Electrolytes and Metabolites**. He is working on a book on acute trauma and is on the editorial board of **Industrial Medicine and Surgery**.

Charles Eckert, '39, professor and chairman of the department of surgery at Albany Medical College in Albany, N.Y., was speaker and conference leader at St. Louis' St. Luke's Hospital Medical Staff Association's 10th educational program for physicians, house officers and medical students. He also reported on "A Five Year Experience with the Moretz Inferior Vena Cava Clip" at the meeting of the Central Surgical Association in Cleveland. Dr. Eckert represents this association on the American Board of Surgeons.



Reflections of Carl V. Moore, '32, and Sol Sherry, M.D., co-chairmen of the department of internal medicine, were seen in the silver tray presented Dr. Sherry just prior to his departure for Temple University where he became head of the department of medicine.

Leon J. Fox, '39, St. Louis, attended the Seventh World Assembly of the Israel Medical Association in Tel Aviv, Israel, as a delegate from the American Physicians Fellowship.

William F. Melick, '39, clinical professor of urology at St. Louis University School of Medicine, has been elected secretary of the south central section of the American Urological Association. He also has served as a member of the association's board of directors.

Robert E. Shank, '39, St. Louis, has been reappointed to the AMA's Council on Foods and Nutrition. Dr. Shank is Danforth Professor and head of the department of preventive medicine and public health at WUMS.

Gene B. Starkloff, '39, has been promoted to clinical professor of surgery at St. Louis University School of Medicine.

Arnold D. Welch, '39, is now director of the Squibb Institute for Medical Research in New Brunswick, N.J., and responsible for research, development and clinical investigation within the domestic and international divisions of the pharmaceutical firm, of which he is a vice president. Before assuming the new post Dr. Welch served for 14 years as Eugene Higgins Professor of pharmacology and chairman of the department at Yale University School of Medicine, and in a similar position at Western Reserve University for nine years. In 1966, Dr. Welch won the Torald Sollman Prize, the highest award of the American Society for Pharmacology and Experimental Therapeutics.

George H. Zillgitt, '39, St. Louis, was awarded a 25-year service plaque from the Deaconess Hospital board of trustees.

THE '40s

Mary M. Bishop, '40, St. Louis, attended the meetings of the American Psychoanalytic Association and the American Psychiatric Association in Detroit.

Barney W. Finkel, '41, St. Louis, was voted chairman-elect of the Southern Medical Association's section on general practice at the 61st meeting in Miami.

David N. Kerr, '41, St. Louis, was installed as president of the Missouri State Medical Association at the annual meeting in Kansas City. Dr. Kerr was an official delegate to the AMA Clinical Meeting held in Houston.



Gordon S. Letterman, '41, professor of surgery at George Washington University School of Medicine, presented a paper, "Experiences with Adenomammaectomy and Immediate Breast Reconstruction", at the Fourth International Congress of Plastic Surgery in Rome. Dr. Letterman serves on the board of reviewers of international abstracts.

Virgil N. Slee, '41, Ann Arbor, Mich., spoke on the advantages of a medical audit over utilization evaluation as part of the utilization process during the second national AMA Conference on Utilization Review in Houston.

Frank K. Tatum, '41, Tupelo, Miss., has become director of the Lee-Itawamba County Health Departments after 20 years in private practice.

Ewald W. Busse, '42, professor and chairman of the department of psychiatry at Duke University and director of the Duke Center for the Study of Aging and Human Development, has been installed as president of the United States Gerontological Society. Dr. Busse also has been named to a four-year term on the Public Health Service's National Advisory Child Health and Human Development Council and to a two-year term on the Professional Advisory Council of the National Association for Mental Health.

C. Barber Mueller, '42, has been appointed professor and chairman of the department of surgery at McMaster University Faculty of Medicine in Hamilton, Ontario, Canada. He had been chairman of the department of surgery of the State University of New York Upstate Medical Center.

Charles E. Lockhart, '42, Springfield, Mo., has been appointed to the State Cancer Commission.

Dallas D. Anthony, '43 (March), Springfield, Mo. radiologist, has been installed as president of the Greene County Medical Society.

John L. Cockrell, '43 (March), Eugene, Ore., is chairman of the Oregon section of the American College of Obstetricians and Gynecologists and is president-elect of the Oregon Society of Obstetrics and Gynecology.

Harlan I. Firminger, '43 (March), professor and head of the department of pathology at University of Maryland School of Medicine, is president of the Maryland Chapter of the American Cancer Society, was "Consultant of the Week" at the Armed Forces Institute of Pathology, is editor of the **Atlas of Tumor Pathology** and is president-elect of the Maryland Society of Pathologists.

James H. Holt, '43 (March), is director of medical education at St. Francis Hospital in Wichita, Kan.

Stanley S. Kanter, '43 (March), Brookline, Mass., was a lecturer at the Menninger Foundation and is serving as treasurer of the American Group Psychotherapy Association.

William A. Seidler, Jr., '43 (March), Jamaica, Iowa, has been elected vice president of the Iowa Chapter of the American Academy of General Practice.

Wilfred E. Wooldridge, '43 (March), Springfield, Mo., has discovered an antibiotic "Fungimycin" which is now under contract for development and prescription for systemic fungus infections. Dr. Wooldridge is clinical professor of medicine at the University of Missouri School of Medicine and is visiting lecturer at the University of Oklahoma School of Medicine.

David E. Krebs, '43 (Dec.), is president of the Lancaster, Texas, School Board and serves as city health officer.

Edwin G. Krebs, '43 (Dec.), professor of biochemistry at University of Washington in Seattle, has accepted the chairmanship of the department of biochemistry at University of California Davis School of Medicine. The first freshman class will be enrolled in September.

Joseph R. Mallory, '43 (Dec.), Mattoon, Ill., is an official delegate to the AMA and to the Illinois State Medical Society. Dr. Mallory is chief of staff at Mattoon Memorial Hospital.

Walter A. Rohlfing, '43 (Dec.), Fresno, Calif., was elected "Outstanding Citizen of the Year — 1967" by the Delta Kappa Fresno Chapter of the International Education Fraternity. In 1966, Dr. Rohlfing was given "The Golden Apple Award" for outstanding service by a lay citizen from the Fresno Teachers' Association.

George E. Scheer, '43 (Dec.), St. Louis, is a leader of the doctors division of the 1968 March of Dimes Against Birth Defects.

C. Stuart Exon, '44, has been elected vice-president of the medical staff of Memorial Community Hospital in Jefferson City, Mo.

Shael S. Bronson, '45, has been appointed assistant clinical professor of psychiatry at St. Louis University School of Medicine. He is consultant in psychiatry for the St. Louis Metropolitan Police Department.



*Following the ceremony on Nov. 21, 1967, noting the 100,000th book's addition to the library, the presidents of the medical classes joined Serials Librarian Virginia Feagler (wife of John Feagler, '67) in paging through *Gastric Secretion: Mechanisms and Control*. From left are Chauncey C. Maher, III, freshman; David W. Sharp, sophomore; John A. Shillinglaw, senior, and J. Andy Sullivan, junior.*

George W. Prothro, '45, has been named director of the Tulsa (Okla.) City-County Health Department.

Robert E. Funsch, '46, has been promoted to assistant clinical professor of orthopedic surgery at St. Louis University School of Medicine.

Charles H. Nicolai, '46, St. Louis, has been elected vice president of the Deaconess Hospital medical staff.

Lawrence W. O'Neal, '46, St. Louis, has written a book entitled **Surgery of the Adrenal Gland** which will be published this year by C. V. Mosby. A paper written by Dr. O'Neal entitled "Correlation Between Pathological Anatomy and Clinical Course in Cushing's Syndrome" and another co-authored by him entitled "Secretion of Various Endocrine Substances by ACTH-Secreting Tumors" will be published soon.

James C. Sisk, '46, was elected president of the St. Louis Dermatology Association for a two-year term. Dr. Sisk attended the AMA Clinical Meeting in Houston as a delegate from the Missouri State Medical Association. As president of the Alumni Federation of Washington University, Dr. Sisk presided at the annual Founders Day Banquet and presented the faculty awards.

Donald J. Stallard, '47, has been elected president of the medical staff at the Methodist Hospital in St. Joseph, Mo.

Robert H. Tanner, '47, has been elected a member of the executive committee of the medical staff of the Memorial Community Hospital in Jefferson City, Mo.

Crofford O. Vermillion, '47, associate director of Barnes and Allied Hospitals, has been appointed to the Committee on Systems and Computers of the American Hospital Association.

Aaron Birenbaum, '48, St. Louis, was co-author of a paper, "The Fate of Patients Severely Disabled by Spinal Cord Lesions and their Management by a Program of Coordinated Home Care," presented to the American Congress of Rehabilitation Medicine in Miami Beach.

Robert Burstein, '48, was lecturer at a meeting in St. Louis of the Phi Delta Epsilon Ob/Gyn Travel Club. Dr. Burstein has been invited to answer some "Questions" in the **Journal of the American Medical Association**.

Purdue L. Gould, '48, North Palm Beach, is serving as president of the Florida Neurosurgical Society.

Arthur S. Greditzer, '48, is organizing a psychiatric department for the Santa Barbara Medical Clinic, a 35-man private clinic in California.

Frank B. Norbury, '48, Jacksonville, Ill., spent a month last year as a volunteer physician at Presbyterian Hospital in Embudo, N.M. The hospital serves a large rural Spanish-American population.

James M. Stokes, '48, St. Louis, presented a paper, "Diagnostic Indices Useful in the Therapy of Postoperative Tubular Necrosis," at the annual meeting of the Central Surgical Association in Cleveland.

Herluf G. Lund, '49, has been named secretary-treasurer of the medical staff of Lutheran Hospital in St. Louis.

Marvin Rosecan '49, is serving as chairman of the diabetes detection campaign, a free testing program of the St. Louis Diabetic Association.

THE '50s

Mark D. Eagleton, '50, St. Louis, was among 87 to be inducted as fellows of the American College of Radiology during their annual meeting in Chicago.

Joseph D. O'Keefe, '50, will serve this year as president-elect of St. Joseph Hospital in Kirkwood, Mo.

Robert E. Thomasson, '50, St. Louis, has been named chairman of the department of surgery at Lutheran Hospital. He also was elected secretary of Missouri Baptist Hospital.

Ernest L. Wynder, '50, associate professor of preventive medicine at Sloan-Kettering Institute for Cancer Research in New York, has been appointed by the U. S. Public Health Service to an advisory committee to make long-range recommendations on ways to discourage smoking, reduce the hazards and boost a less dangerous cigarette if one is developed.

John H. Knowles, '51, director of Massachusetts General Hospital, has been elected to the American Academy of Arts and Sciences and to the American Clinical and Climatological Society. He is a member of a special Presidential Commission to appraise medical care of the Vietnamese civilian population. Dr. Knowles is the

author of "Essays on Medical Education and Medical Care," published this year by the Harvard University Press. Dr. Knowles spoke at a conference on "Medicine in the 21st Century," sponsored by the Harvard Medical Alumni Association of Southern California, and speech highlights were reported in **AMA News**.

Ernest H. Schaper, '51, was installed as president of the St. Louis Academy of General Practice.

Jack N. Wiles, '51, has been elected medical chief of staff of West Plains (Mo.) Memorial Hospital.

Herbert B. Zimmerman, '51, was chairman of the Cardiopulmonary Resuscitation Symposium held in St. Louis. He delivered a paper, "Results of Cardiopulmonary Resuscitation in the General Hospital and Coronary Care Units."

Robert S. Karsh, '52, St. Louis rheumatologist, spoke on "Radioactivity and Air Pollution Hazards" at a meeting of the National Association of Conservation Educators.

John M. Kissane, '52, St. Louis, has been appointed to the Jewish Hospital medical staff as consultant in pathology.

Marvin Rennard, '52, St. Louis, attended the First International Conference on Prematurity held in Ft. Lauderdale, Fla., sponsored by the AMA Committee on Maternal and Child Health.

Carl H. Almond, '53, associate professor of surgery at the University of Missouri School of Medicine, has returned from two months in South Vietnam where he served the civilian population with the American Medical Association Volunteer Physicians for Vietnam.

Dr. Almond specializes in thoracic and cardiovascular surgery.

Robert W. Butcher, '53, Kansas City, has been installed as president of the medical staff of Trinity Lutheran Hospital.

Edgar Draper, '53, associate professor and co-director of the outpatient department in psychiatry at the University of Chicago, will become director of residency training with the rank of professor in the department of psychiatry at the University of Michigan in Ann Arbor. Dr. Draper was graduated from the Institute for Psychoanalysis of Chicago in 1966 and has published two books, **Psychiatry and Pastoral Care and Community Psychiatry and the Clergyman**.

Orvis A. Harrelson, '53, Tacoma, Wash., is chairman of the Pierce County "Measles Must Go," a member of the Joint Committee on Health Problems in Education of the American Medical Association and the National Education Association, a member of the governing council of the American School Health Association and associate editor of the **Journal of School Health**.

Walter S. Hixon, '53, is chief of the department of general practice at St. Anthony's Hospital in Denver and team physician for the Broncos professional football team.



Victor T. Jones, '53, has been elected president of the medical staff of Bethesda General Hospital in St. Louis.

Harvey H. McLean, '53, Raeford, N.C., has been named regional medical consultant for the North Carolina State Board of Health. In June, Dr. McLean will receive his doctorate in public health from the U.N.C. School of Public Health, where he earned a master's degree in 1959.

Gerald Newport, '53, St. Louis, was certified by the American Board of Obstetrics and Gynecology last year.

Charles W. Parker, '53, associate professor of medicine, was elected secretary-treasurer of the Washington University Medical Society, composed of all members of the School of Medicine faculty and students.

William Shieber, '53, St. Louis vascular surgeon, has co-authored a book, *"Anatomy and Technique of Groin Dissection."*

Lt. Col. Ellis R. Taylor, '53, is in the Air Force in Southeastern Asia. Prior to this assignment Lt. Col. Ellis, whose special field is aerospace medicine, was surgeon general at the Special Air Warfare Center at Eglin Air Force Base, Fla.

John C. Tippet, '53, has been promoted to assistant clinical professor of orthopedic surgery at St. Louis University School of Medicine.

Robert H. Weiss, '53, Wilmington, Del., has completed a two year term as secretary-treasurer of the Delaware Society of Anesthesiologists.

Malcolm H. McGavran, '54, associate professor of pathology at WUMS, has been named consultant in pathology at Jewish Hospital. Dr. McGavran was a guest speaker at the Southeast Missouri Annual Cancer Conference.

S. Michael Freiman, '55, was lecturer at a meeting in St. Louis of the Phi Delta Epsilon Ob/Gyn Travel Club.

Kenneth Shulman, '54, has been appointed professor of neurological surgery and pediatrics at Albert Einstein College of Medicine in New York. Dr. Shulman also will direct the newly established division of pediatric neurological surgery. He was director of neurosurgery at Children's Hospital in Philadelphia and associate professor of neurological surgery at University of Pennsylvania School of Medicine.

Stuart Weiss, '54, assistant professor of

neurology at WUMS, spoke on bertebrobasilar artery disease at "An Afternoon of Clinical Neurology" co-sponsored by the St. Louis Area Chapter of the National Multiple Sclerosis Society and the St. Louis Medical Society.

Charles R. Willman, '54, has been elected second vice president of the medical staff at the Methodist Hospital in St. Joseph, Mo.

David M. Witten, '54, consultant in radiology at the Mayo Clinic in Rochester, Minn., has been promoted to assistant professor of radiology at the Mayo Graduate School of Medicine, University of Minnesota.

Frederick T. Kraus, '55, St. Louis, has written a book, *Gynecologic Pathology*, and reviewed by Robert E. Scully, M.D., Boston, in the *Journal of the American Medical Association*.

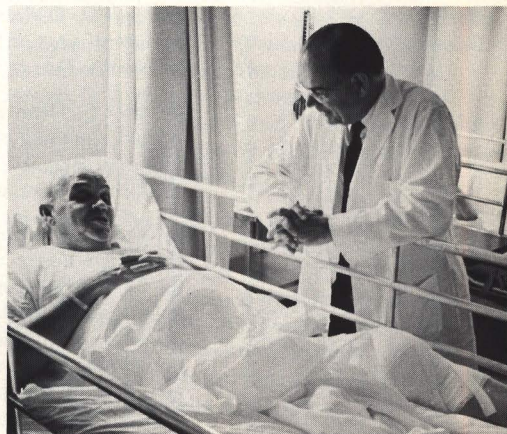
Carl A. Lyss, '56, St. Louis, recently was elected to associate membership in the American Gastroenterological Association at a meeting in Colorado Springs.

William B. Hutchison, '56, was elected treasurer of the Missouri Baptist Hospital in St. Louis.

G. Robert Bowles, '57, will serve as secretary-treasurer of St. Joseph Hospital in Kirkwood, Mo.

Ralph J. Graff, '57, St. Louis, has co-authored a paper, "Histocompatibility Genes of Mice VIII, the Alleles of the H-1 Locus," and has been invited by the Czechoslovak Academy of Sciences to attend a fall 1968 meeting in Prague on "Immunogenetics of the Histocompatibility — 2 Locus". Dr. Graff recently attended a conference on Viral, Tumor and Transplantation Antigen Isolation at Oak Ridge, Tenn.

Godofredo M. Herzog, '57, St. Louis, has been appointed to the Jewish Hospital medical staff as assistant in obstetrics and gynecology. He co-authored a paper, "Monthly Injection of Estrogen and Progesterone for Birth Control," presented at the District 7 meeting of the American College of Obstetricians and Gynecologists in Jackson, Miss.



Louis S. Ent, '31, Cairo, Ill., recently returned to St. Louis to refer himself as a patient to Fred C. Reynolds, '34, professor of orthopedic surgery. Sharing the ward was Johnny Roland, Football Cardinal "most valuable player" for 1968, recuperating from a knee operation by team physician Reynolds.

Kenneth R. Smith, '57, has been promoted to associate professor of surgery at St. Louis University School of Medicine.

Elizabeth A. Stoddard, '57, St. Louis, co-authored a paper, "The Fate of Patients Severely Disabled by Spinal Cord Lesions and their Management by a Program of Coordinated Home Care," presented to the American Congress of Rehabilitation Medicine in Miami Beach.

Norman D. Anderson, '58, is assistant professor of medicine and surgery and director of transplantation biology at The Johns Hopkins University in Baltimore. Dr. Anderson is engaged in full time research in transplantation biology, with emphasis on mechanisms of cellular immunity, and in clinical research on human organ transplantation.

Lcdr. Eugene F. Bartlett, '58, is assistant chief of general surgery and in charge of surgical officer patients at the U.S. Naval Hospital at Great Lakes, Ill.

Matthew K. Becker, '58, will complete his residency in surgery at the U. S. Naval Hospital in Philadelphia in July, at which time he expects to be transferred to Vietnam.

Richard Bohannon, '58, clinical assistant professor of medicine at University of California School of Medicine in San Francisco, was certified by the American Board of Internal Medicine and elected to fellowship in the American College of Physicians.

Richard E. Bryant, '58, assistant professor of medicine at Vanderbilt University School of Medicine in Nashville, Tenn., is chief of the infectious disease section of the Veterans Hospital. His research interest concerns the effect of different types of injury on human leukocytes and platelets.

Mylon L. Buck, '58, Eugene, Ore., is writing a book for Prentice Hall on practical aspects of medical practice. Dr. Buck is serving as president of the Planned Parenthood Association of Lone County.

Capt. Kenneth W. Gentsch, '58, is working as a cardiologist at Kenner Army Hospital in Petersburg, Va.

Lcdr. Robert L. Glass, '58, is serving as a naval surgeon aboard the U.S.S. Repose. He expects to return to private practice in Sedalia, Mo. in 1969.

Alexander Gottschalk, '58, associate professor of radiology and director of the Argonne Cancer Research Hospital at University of Chicago, was named one of America's 10 Outstanding Young Men of 1967 by the United States Junior Chamber of Commerce. Dr. Gottschalk's



special interest is in the use of nuclear energy in the diagnosis and treatment of disease. The Argonne Hospital is operated by the University for the U. S. Atomic Energy Commission and is the only hospital in this country devoted solely to the discovery and application of ways in which high energy sources can be used for the treatment of malignancies.

Donald R. Harkness, '58, is chief of hematology at Miami's V. A. Hospital and is associate professor of medicine at University of Miami School of Medicine. Dr. Harkness is engaged in research of the biochemistry and comparative biochemistry of erythrocyte.

William F. Hejna, '58, assistant professor of orthopedic surgery at University of Illinois and assistant chairman and associate attending physician in the department of orthopedic surgery at Chicago's Presbyterian Hospital, is doing basic research in bone implants and transplants and clinical research in muscle imbalance in rheumatoid patients.

Lt. Col. Paul H. Karshner, '58, is engaged in all aspects of orthopedic care, including a large volume of war wounded, at Madigan General Hospital in Tacoma, Wash. He recently returned from two years on Okinawa.

Jerome F. Levy, '58, has returned to private practice in St. Louis after two year's duty in the Army. An instructor in clinical surgery at WUMS, he is interested in vascular surgery research.

Herbert Lubowitz, '58, assistant professor of medicine in the renal division at WUMS, co-authored a paper "Clinical Estimation of Functional Nephron Population", printed in the **Journal of the American Medical Association**.

Ralph S. Park, Jr., '58, Elmira, N.Y., has been named a diplomate by the American Board of Internal Medicine.

Jerry Sisler, '58, is now in the private practice of orthopedic surgery in Tulsa, Okla., after completing two years of duty with the Army, the last year having been spent at the 67th Evacuation Hospital in Vietnam.

Robert B. Winter, '58, is in private practice in St. Paul, Minn., and has an appointment as clinical assistant professor of orthopedic surgery at the University of Minnesota. Dr. Winter gave a paper on scoliosis surgery in Buenos Aires in late 1967 and plans a four-week trip to South America this summer to teach this specialty.

Richard Aach, '59, was lecturer at a meeting in St. Louis of the Phi Delta Epsilon Ob/Gyn Travel Club. He is assistant professor of medicine at WUMS.

Stanley G. Nathenson, '59, has returned from England and is now in the department of

microbiology and immunology at the Albert Einstein College of Medicine in New York.

THE '60s

Floyd E. Bloom, '60, has been promoted to associate professor of pharmacology at Yale University School of Medicine. In July he will return to the National Institute of Mental Health as chief of the section on cytochemical pharmacology.

James F. Jekel, '60, is assistant professor of public health at Yale University School of Medicine.

Gary R. Jystad, '60, Great Falls, Mont., has been named physician for Cascade County. He will continue his private practice.

Joseph A. Sisson, '60, was appointed chairman of the department of pathology at Creighton University School of Medicine and Creighton Memorial St. Joseph's Hospital in Omaha, Neb. Dr. Sisson was assistant professor of pathology and attending pathologist at the Albany Medical



Center Hospital and attending pathologist at Veterans Administration Hospital in Albany, N.Y. His research has been in placental transport and metabolism of amino acids and lipids, and on blood coagulation in relationship to arteriosclerosis.

Elliot M. Finkelstein, '61, is an ophthalmologist at Beth Israel Hospital in Boston, Mass.

Henry Lackner, '61, has been appointed chairman of the division of urology at the University of New Mexico School of Medicine in Albuquerque, and will assume his new duties in July.

Gary A. Storey, '61, has been appointed instructor in urology and also executive secretary of the section of urology in the department of surgery at St. Louis University School of Medicine.

Leonard Jarett, '62, assistant professor of pathology at WUMS, presented a paper, "Evidence for the Use of High-Energy Intermediates for Protein Synthesis in Isolated Fat Cells," at the American Association of Pathologists and Bacteriologists in Chicago.

Capt. Raymond A. Ritter, Jr., '62, is serving in the Army as an orthopedic surgeon in Munich, Germany.

William J. Phillips, '63, has been appointed to the Washington University Clinics and named instructor in clinical medicine at WUMS. Dr. Phillips has entered private practice in the Grant Clinic.

Lt. Edward A. Beron, '64, is in submarine school in Norwich, Conn. He had completed two years of general surgery residency before receiving orders to Navy service.

Ronald G. Evens, '64, assistant in radiology on leave of absence from WUMS, will return to St. Louis in October from the National Heart Institute in Bethesda, Md.

Capt. Carl A. Ritter, '66, has reported to Luke Air Force Base near Phoenix, Ariz.

Lt. Bruce J. Walz, '66, is ship's doctor for the nuclear powered destroyer, U.S.S. Bainbridge,

docked at Mare Island. Lt. Walz also does cancer research at Hunter's Point as part of his naval duties.

Philip E. Bornstein, '67, an intern at the University of Rochester, was married Jan. 20, 1968 to Barbara M. Boyer. Dr. Bornstein plans to return to WUMS in July for a residency in psychiatry.



David L. Rimoin, M.D., Ph.D., assistant professor of internal medicine, recently made a two-week trip to the Central African Republic where he conducted some research on growth hormone in pygmies. This photo of Dr. Rimoin drawing blood was taken in the "open-air clinic."

IN MEMORIAM

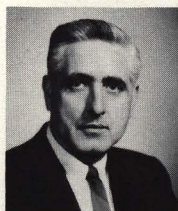
Garrett Hogg '01	Oct. 19, 1967
Harry L. Cobean '03	Date Unknown
Robert A. Schlernitzauer '05	Nov. 27, 1967
George B. Lemmon '07	Jan. 8, 1968
William M. O'Reilly '07	Date Unknown
John S. Sheets '08	Feb. 21, 1968
Otto C. Horst '09	Jan. 4, 1968
Frederick F. Alsop '15	Sept. 25, 1967
Harry E. Bundy '16	Oct. 24, 1967
Roland N. Holcombe '16	Dec. 27, 1967
James O. Peeler '16	Mar. 23, 1968
Earl W. Netherton '17	Nov. 2, 1967
Joseph W. McKee '18	Nov. 21, 1967
Homer T. Clay '19	Oct. 30, 1967
Carl O. Kohlbray '19	Nov. 28, 1967
Harrison C. Trippe '19	Nov. 5, 1967
William S. Carter '20	Sept. 22, 1967
Oliver W. Lohr '21	Oct. 25, 1967
Kehar S. Chouke '22	Oct. 29, 1967
Jerome W. Shilling '24	Nov. 9, 1967
Stanley S. Fischer '28	Nov. 16, 1967
Vincent T. Williams '28	Feb. 10, 1968
Cleo R. Gatley '30	July 17, 1967
Milton Smith '30	Jan. 28, 1968
Kenneth C. Kehl '32	Date Unknown
Wilbur G. Fisher '35	Sept. 8, 1967
Ira D. Kimes '35	Jan. 2, 1968
Samuel Brady (Brotsky) '37	Feb. 20, 1967
John T. Skinner '39	Date Unknown
James C. Williams '41	Nov. 19, 1967
Carvel T. Shaw '43 March	Nov. 23, 1967
Howard P. Joslyn '43 December	Jan. 22, 1968

Names Make News

PROFESSORSHIP ENDOWED

Washington University and the Jewish Hospital of St. Louis announced the creation of a new professorship at the School of Medicine and the appointment of Arthur E. Baue, M.D., to serve as surgeon-in-chief at Jewish Hospital and as Harry Edison Professor of Surgery at the university. Dr. Baue, 38, is associate professor of surgery at University of Pennsylvania and will come to St. Louis in July.

This professorship was endowed by \$500,000 from the Harry Edison Foundation. Prior to his death in 1966 Mr. Edison served on the board of directors of Jewish Hospital and was chairman and treasurer of Edison Brothers Stores, Inc.



Born in St. Louis, Dr. Baue was graduated in 1950 with an A.B. Summa Cum Laude, from Westminster College. He received his medical degree in 1954 from Harvard Medical School.

Following internship and residency at Massachusetts General Hospital, Boston; he was a research fellow in surgery at Harvard Medical School; and a senior registrar in thoracic surgery at Frenchay Hospital, Bristol, England. In 1963 he was selected as a John and Mary R. Markle Scholar, and in 1965 he received a U.S.P.H.S. Research Career Development Award.

Before going to Philadelphia he served as assistant professor of surgery for two years at University of Missouri School of Medicine.

Dr. Baue is a diplomate of the American Board of Surgery, the Board of Thoracic Surgery, and has contributed more than 60 scientific papers.

KELLOGG GRANT RECEIVED

A grant of \$522,430 has been received from the W. K. Kellogg Foundation.

The funds will enable the Medical School and the associated hospitals to launch programs designed to improve the organization and provision of health services to the public and to reduce the cost of such services, announced William H. Danforth, M.D., vice chancellor for medical affairs.

The Foundation monies over five years will assist the Washington University and Associated Hospitals Corporation to create an outpatient research and planning unit and to develop a division of medical care to be established in the department of preventive medicine.

For three years, the Foundation grant also will assist the upgrading of the university's graduate program in hospital administration through development of a larger and full-time faculty, supplemented by the use of visiting professors.

The board of the Washington University and Associated Hospitals desires to broaden its commitment beyond the basic teaching, research and patient care to encompass responsibility for planning and evaluating medical services for its whole area of influence, Dr. Danforth noted.

The Kellogg Foundation since the 1930s has assisted efforts toward the integration of preventive medical services into the offices of the physician and dentist and continues to have concern pertaining to the comprehensiveness of medical care and a resulting improvement in quality at reasonable cost.

N.Y.U. HONORS DR. EISEN

Herman N. Eisen, M.D., professor and head of the department of microbiology, received the New York University School of Medicine Alumni Association Scientific Award for 1968.

This is the highest award given annually on Alumni Day to the N.Y.U. graduate who has distinguished himself scientifically.

In 1966 Dr. Eisen received a Distinguished Alumni Award from his alma mater. He was granted the A.B. degree in 1939, and the M.D. degree in 1943.

NEW MALLINCKRODT CHAIR

The Edward Mallinckrodt, Jr., Foundation of St. Louis has pledged \$500,000 to endow a chair of physiology and biophysics at the School of Medicine.

Carlton C. Hunt, M.D., became the first Edward Mallinckrodt, Jr., Professor of Physiology and Biophysics. Dr. Hunt came from Yale University in December, 1967 as head of the department. At Yale he served as chairman of the department of physiology.

In announcing the gift, William H. Danforth, M.D., vice chancellor for medical affairs, commented: "Edward Mallinckrodt, Jr., took a great interest in Washington University School of Medicine, not only as a humanitarian, but also as a scientist."

An observation of his led to an interesting discovery which he published in 1953 with two Washington University faculty members, William Sleator, Jr., Ph.D., and A. H. Hughes, Ph.D. Title of the paper was "Perception by the Skin of Electrically Induced Vibrations."

"Gifts from Edward Mallinckrodt, Sr., Edward Mallinckrodt, Jr. and from the Mallinckrodt Foundation have done much to bring the School of Medicine to the point of excellence," Dr. Danforth noted. "This is the third professorship that will bear the Mallinckrodt name."

"In addition, through the years generous support has been given in two departments, pharmacology and pediatrics, and to the Edward Mallinckrodt Institute of Radiology. We are most grateful for this new chair. An endowed professorship of physiology and biophysics insures continued support for this vital area of medical science."

Choice for Senior Year Courses Made With Professional Assistance

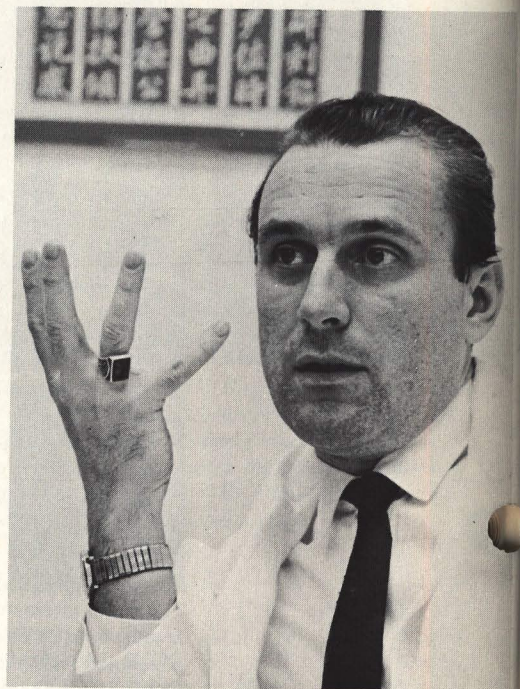
Early this winter each junior medical student was handed a black book, 9 by 11½ by ¾-inch, containing data on 95 elective courses and research opportunities proposed for seniors under the newly constituted curriculum.

While the variety offered was obviously in the favor of one desiring to widen his medical horizons, with so many courses from which to make the choice it was evident that the selection would lead to frustration in many instances.

So, to whom did the students turn for their counsel? To a psychiatrist, of course!

In this instance, however, Richard W. Hudgens, '56, assistant professor of psychiatry, was providing his services in his role as assistant dean in charge of curriculum.

And whether the future physicians were confused or not, each was scheduled for a half-hour with Dr. Hudgens so that everyone could plan to get the most from this final year of medical school.



During their counseling sessions, photos were taken of Alice Ward, Duke Samson and Ronald Schroeder. As one might imagine, the assistant dean had heard similar stories from many, and his expressions relate both individual concern and interest in the entire class.

But the looks of each student were uniquely his own — varying from the initial contact, the statement of hoped for courses, the disbelief that they would be available, and the final relief that the outlook is even rosier than anticipated.

As was outlined in the Spring, 1967 Outlook, during the final year students must complete 36 weeks of "B" (full time) courses, which are taught as either six or 12-week courses and may include research, and two "A" (seminar type) courses, each 12 or 18-week duration.

To round out the year, the seniors also may schedule 12 weeks for vacation.

Letters to the Editor

LETTERS TO EDITOR

To the Editor:

The fall edition of Outlook reached my desk today and may I say that I think this is quite the finest copy of an alumni bulletin that I have seen coming from my alma mater. I have gone through it from cover to cover and have run across a few names that are even familiar to one who left the campus in 1929 but still remembers Washington University with affection and gratitude.

If you wish an item for the alumni activities you may note that I was this past fall elected chairman of the board of governors of the American College of Surgeons.

Charles W. McLaughlin, Jr., M.D.
409 The Doctors Building
Farnam at 44th Street
Omaha, Nebraska 68131

To the Editor:

I would first of all like to congratulate the staff on Outlook. It is an excellent and much needed production which did much to re-arouse interest in the old alma mater. As a matter of fact it was the stimulus to write this letter to you as my own class approaches its 15th reunion.

While on the subject of reunion, note two enclosures. One, a check for my alumni dues and the other regarding the Dartmouth Plan. There may be advantages to this Dartmouth Plan but in the description given I really fail to see its radical advantages. In particular why it would increase attendance is somewhat of a mystery. As indicated, I prefer the present five-year plan partly because I think every five years or so many of my own class feel ready for a get-together and would make special effort to do so. I certainly wouldn't want to wait until the 25th for them and for me to make those special plans necessary. There is, of course, the longevity issue, too.

I have news of my own which I would like to have conveyed to classmates, I assume via the next issue of Outlook. After nine years at the University of Chicago where I am an associate professor and co-director of the outpatient department in psychiatry, I will be leaving next July for the University of Michigan at Ann Arbor where I will become director of residency training with the rank of professor in the department of psychiatry.

Other news from me includes graduation from the Institute for Psychoanalysis of Chicago in December, 1966 and the publication of two books, *Psychiatry and Pastoral Care* (Prentice Hall, 1965) and *Community Psychiatry and the Clergyman* (Charles C. Thomas, 1966).

My wife and I are looking forward to the coming reunion and will hope to hear from you about the developments which I assume will be in early June.

Edgar Draper, M.D., '53

To the Editor:

I seem to be lost to the School except for the requests for donations. I graduated M.D. 1920, M.A. 1921. I had the Sachs Scholarship in 1920 and a fellowship with Dr. Evarts Graham in 1921, both in surgery. From there I went as chief resident physician to the Ancker Hospital in St. Paul.

Then I was a fellow in pediatrics at the Mayo Clinic for six months and was appointed as assistant, then associate consultant in pediatrics in 1924. In 1925 I moved to Milwaukee as professor of pediatrics at Marquette Medical School and as director of laboratories at the Milwaukee Childrens Hospital.

In 1930 I was named to Who's Who. I also published the Pfaundler and Schlossman System of Pediatrics. In November 1964 I accepted the appointment as senior consultant to the Bureau of Medicine, H.E.W.

I resigned there Nov. 1, 1967 and accepted my present position as medical director of the National Childrens Rehabilitation Center in Leesburg, Va. 22075.

Please note present address for the further solicitations of funds.

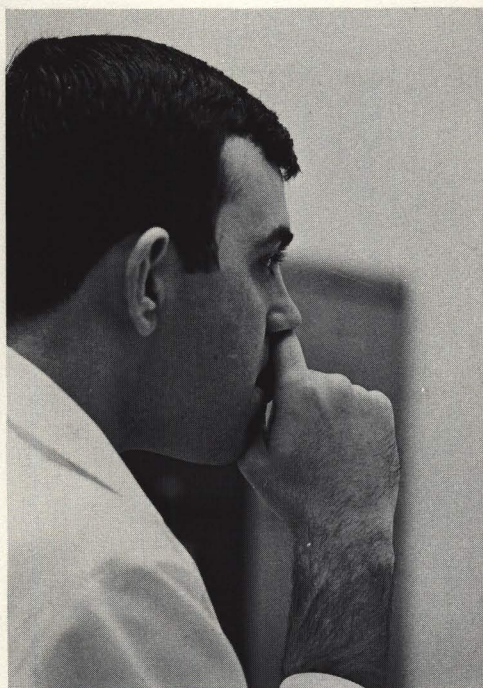
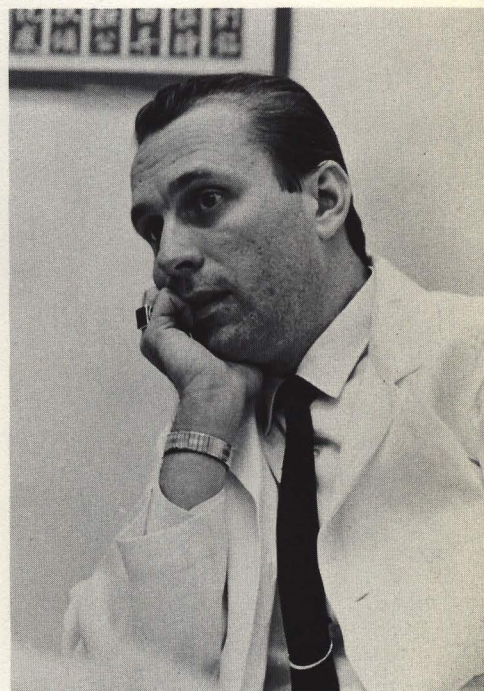
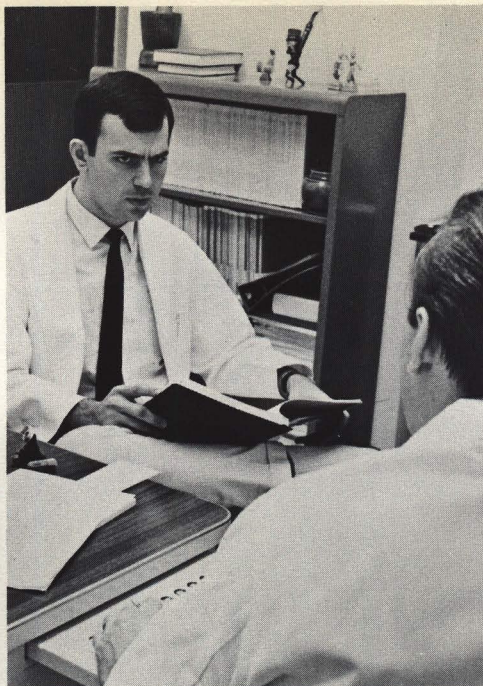
M. G. Peterman, M.D.

To the Editor:

I enjoyed the fall Outlook and in order to insure that I do not miss any issue please change my address from 674 N. Seminary Street to 1156 Florence Avenue, Galesburg, Illinois.

Thanking you sincerely, I am,

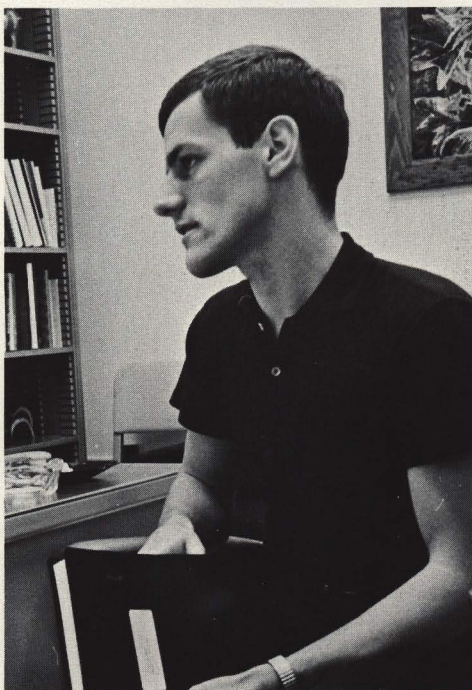
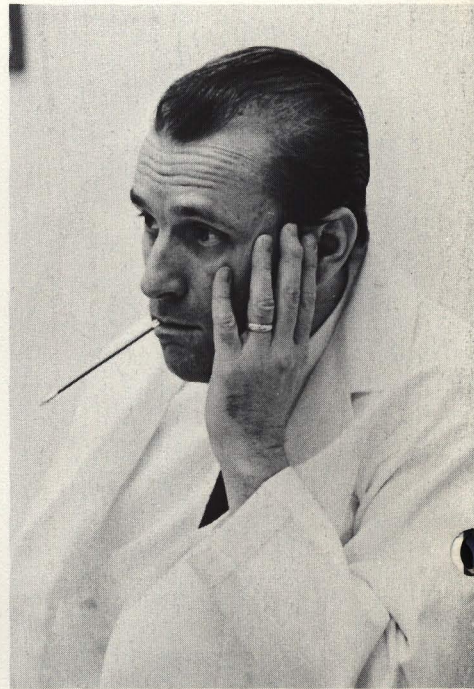
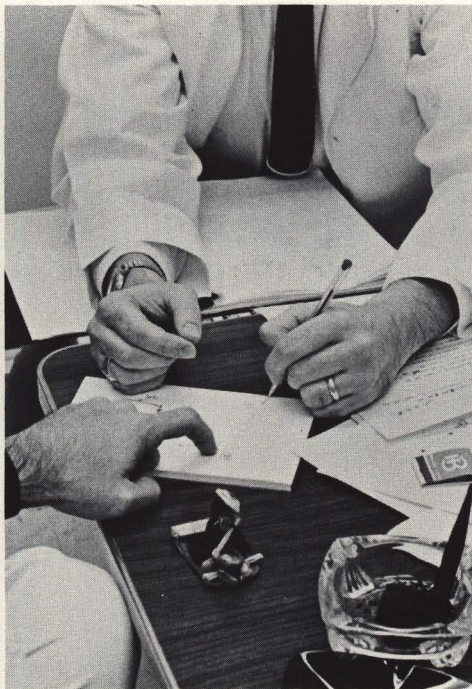
Marshal G. Maggard, HA '60
Administrator
Galesburg Cottage Hospital



Duke Samson



Alice Ward



Ronald Schroeder

Return Requested

MEDICAL SCHOOL LIBRARY

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Alumni RECEPTIONS SCHEDULED

Alumni, faculty, staff, former house staff, spouses and friends are invited to receptions to be held in conjunction with the following medical meetings:

May 6

60th Annual Meeting

The American Society for Clinical Investigation
Garden Room 6-7 p.m.
Haddon Hall Atlantic City

May 8

17th Annual Clinical Meeting

The American College of Obstetricians and Gynecologists
Victorian Room 5:30 -7:30 p.m.
Palmer House Chicago

June 19

117th Annual Convention

American Medical Association
Room of the Dons 5:30-7:30 p.m.
Mark Hopkins Hotel San Francisco

Sept. 13-20

20th Annual Scientific Assembly
The American Academy of General Practice
Las Vegas

Oct. 15

54th Annual Clinical Congress

American College of Surgeons
St. Denis Room 5:30-7:30 p.m.
Dennis Hotel Atlantic City

Oct. 19-24

37th Annual Meeting

American Academy of Pediatrics
Palmer House Chicago

Dec. 1-4

22nd Clinical Convention
American Medical Association
Miami Beach

1968 COMMENCEMENT-REUNION ACTIVITIES

Thursday, May 30

Individual reunions,
Five-year classes ending in 3 and 8

Friday, May 31

8 a.m.

Continental breakfast, private dining room,
17th floor, Queeny Tower

9 a.m.

Annual business meeting of the Medical Alumni Association, Clopton Amphitheatre

9:30 a.m.-Noon

Medical Alumni Day scientific program,
Clopton Amphitheatre

Noon-1:30 p.m.

Luncheon for alumni, faculty and senior students,
Olin Residence Hall

1:30 p.m.-4 p.m.

Medical Alumni Day scientific program,
Clopton Amphitheatre

6:15 p.m.-1 a.m.

Medical Alumni Banquet—Khorassan Room,
Chase-Park Plaza Hotel. Cocktails, 6:15 p.m.,
dinner, 7:30 p.m. Musical program by Richard
Evans and Helen Kauppi. Dancing, Russ David's
orchestra.

Saturday, June 1

8 p.m.

Senior Award Night, St. Louis Medical Society
Auditorium, 3839 Lindell Boulevard.
Reception to follow.

Sunday, June 2

6:30 p.m.

Commencement Exercises, Brookings Quadrangle